

MAY 1962 EDITION  
GSA GEN. REG. NO. 27

UNITED STATES GOVERNMENT

# Memorandum

TO : The Files: Contract 4491-66P

EP 66-176  
DATE: 8 August 1966

FROM : Mr. [REDACTED]  
25X1A9a

SUBJECT: Inspection Report No. 1 - [REDACTED]

25X1A5a1

## 1. Project Description:

The SY-3 is a voice message synthesizer for OWVL circuits. It utilizes photoelectric storage and is capable of compiling an OWVL message from a TTY tape with varying group rates and group counts.

## 2. Contractual Information:

- a. Initial Cost: \$15,500.00
- b. Request for Procurement Action: 30 March 1966
- c. Initiation Date: 29 April 1966
- d. Completion Date: 5 August 1966
- e. Deliverable Items: 1 prototype SY-3 with drawings, instruction manual, monthly and final reports

## 3. Dates of Meeting: 19-20 July 1966

## 4. Place of Meeting: [REDACTED]

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## 5. Persons Attending:

### Agency

### Non-Agency

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Mr. [REDACTED]  
Mr. [REDACTED]

OC-OS

OC-E/R&D-EP

Mr. [REDACTED]

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## 6. Contractor's Performance:

- a. On schedule and expected to remain so: No
- b. Within obligated funds and expected to remain so: Yes
- c. Satisfactory technical progress: Yes

## 7. Project Status:



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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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7. Project Status:

Electrical and mechanical design of the SY-3 is nearly complete. The overall volume of the SY-3 excluding Ampex tape recorder is 30" x 30" x 30". All operating controls are mounted on the front panel. These controls include an ON/OFF switch, START, RESET, SPACE DURATION (variable from 1 to 4 cycles), INSERTION (automatically inserts a space between the third and fourth letter of a five letter group), LINE FEED (recognizes a LINE FEED function and inserts a space), and INFLECTION (automatically inserts a letter with a declining inflection at the end of any four or five letter group). A primary power pilot lamp indicator will also be added to the front panel. All fuses and spares are located on the back panel.

The tape reader was installed on the front panel such that the tape loaded from left to right. The standard loading of a reader is from right to left. [REDACTED] will supply a modification kit so that the reader can be mounted properly. This modification will be incorporated in the prototype SY-3. 25X1A5a1

A sample TTY tape prepared by OC-OS was tried on the SY-3. Except for FIG function, the SY-3 read the TTY tape properly. The FIG function problem is minor and will be corrected.

To date, development of the SY-3 has progressed very well. Though the delivery date is specified as 5 August 1966, the contractor may be two weeks late to allow time to incorporate the tape reader modification.

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